

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) An optical fiber comprising a core region extending along a predetermined axis, and a cladding region provided on an outer periphery of said core region and mainly comprised of silica glass, said optical fiber having:

a cable cutoff wavelength of 1260 nm or less;

a transmission loss of 0.32 dB/km or less at a wavelength of 1310 nm; and

a OH-related loss increase of 0.3 dB/km or less at a wavelength of 1380 nm.

2. (Original) An optical fiber according to claim 1, wherein the transmission loss at the wavelength of 1310 nm is 0.30 dB/km or less.

3. (Original) An optical fiber according to claim 1, wherein a transmission loss at the wavelength of 1380 nm is lower than a transmission loss at the wavelength of 1310 nm.

4. (Original) An optical fiber according to claim 1, wherein a difference between a transmission loss at a wavelength of 1550 nm and a transmission loss at the wavelength of 1310 nm is 0.13 dB/km or less.

5. (Currently Amended) An optical fiber according to claim 1, further having a zero dispersion wavelength in the range of 1300 nm ~~or more but to~~ 1324 nm ~~or less~~.

6. (Original) An optical fiber according to claim 1, further having a polarization mode dispersion of $0.5 \text{ ps/km}^{1/2}$ or less at a wavelength of 1550 nm.

7. (Original) An optical fiber according to claim 1, further having a bending loss of 3 dB/m or less in a bending diameter of 20 mm at a wavelength of 1550 nm.

8. (Original) An optical fiber according to claim 1, further having a Petermann-I mode field diameter of $10.0 \text{ }\mu\text{m}$ or less at a wavelength of 1550 nm.

Claims 9-16. (Cancelled)

17. (Currently Amended) An optical fiber according to claim 1 ~~any one of claims 1, 9, and 12~~, wherein said cladding region is doped with fluorine.

18. (Original) An optical fiber according to claim 17, wherein said core region contains no GeO_2 .

19. (Currently Amended) An optical fiber according to claim 1 ~~any one of claims 1, 9, and 12~~, wherein said core region has an outer diameter in the range of $7.5 \text{ }\mu\text{m}$ ~~or more but to~~ $8.6 \text{ }\mu\text{m}$ ~~or less~~, and

wherein a relative refractive index difference of said core region with respect to said cladding region ~~[[is]]~~ falls within the range of 0.36% ~~or more but to~~ 0.42% ~~or less~~.